

# DRILLER'S NOTEBOOK

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## WELL RECORD

Driller Philip Harris  
Address 1010 W. 39th St.  
KANSAS City, Mo. 64111

Owner City of  
Bussey Iowa

Tenant \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

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RETURN TO  
**IOWA GEOLOGICAL SURVEY**  
IOWA CITY, IOWA



## WELL RECORD

Well is located \_\_\_\_\_ miles  $\begin{matrix} N \\ E \\ W \end{matrix}$  S and \_\_\_\_\_ miles  $\begin{matrix} N \\ E \\ W \end{matrix}$  S from

\_\_\_\_\_ in \_\_\_\_\_,  
(Nearest Town) (County)

in the \_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$  Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_

Owner \_\_\_\_\_ Well No. \_\_\_\_\_

Postoffice address \_\_\_\_\_

Contractor Layne-Western Co.

Address 1010 W. 39th St. Kc. Mo. 64111

Driller P. Harris

Well begun \_\_\_\_\_, 19\_\_\_\_;

completed \_\_\_\_\_, 19\_\_\_\_

Rig used—Cable, Rotary, Jet, or Rotary

Depth of well \_\_\_\_\_  
(Feet)

Size of hole (note total amount of each size) \_\_\_\_\_

Main water supply at \_\_\_\_\_  
(Feet below surface)

Final water head \_\_\_\_\_  
(Feet above or below surface)

Is well pumped? \_\_\_\_\_

Yield \_\_\_\_\_  
(Gallons per minute)

Water level when pumping \_\_\_\_\_

Position of well \_\_\_\_\_  
(Upland, valley, side hill, etc.)



## RECORD OF PERMANENT CASING

[illegible]

**NOTE: Water levels should be recorded at time of change AND at regular intervals; for example each morning before drilling starts or at the end of each 100 feet of drilling.**

[illegible]

\*As cast, wrought iron, steel, concrete, etc.

Is screen used? \_\_\_\_\_ Diameter \_\_\_\_\_  
(Inches)

Length \_\_\_\_\_ Depth to bottom \_\_\_\_\_  
(Feet)

Depth to top \_\_\_\_\_ Slot size \_\_\_\_\_

Are packers or seals used?\_\_\_\_\_

Kind \_\_\_\_\_

Where used \_\_\_\_\_

Kind of pump \_\_\_\_\_ Dia. \_\_\_\_\_  
(Inches)

Capacity of pump \_\_\_\_\_ (g.p.m.)

Power used \_\_\_\_\_  
(Kind and amount)

Depth to bottom of pump line \_\_\_\_\_ feet,  
including \_\_\_\_\_ feet tailpiece.

Remarks on construction of well\_\_\_\_\_



SAMPLE NO.	DEPTH		THICKNESS
	From	To	
	0	40	
	40	100	
	100	140	
	140	215	
	215	230	
	230	280	
	280	315	
	315	640	
	640	690	
	690	785	
	785	800	
	800	1020	
	1020	1125	
	1125	1165	
	1165	1315	
	1315	1390	

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
Red yellow clay
GRAY Shale-clay
D. L GRAY SANDY lime - SHALE
BLACK SHALE
GRAY SANDY lime - SHALE
GRAY limestone (TRACE Green shale)
GRAY SANDY lime - Green SHALE
GRAY lime - Dolo - Traces Chert SHALE
GREEN SHALE - SHALEY limestone
D GRAY BROWN lime - Green SHALE Traces
GRAY SHALE
GRAY limestone - Chert - Traces SHALE
DARK GRAY Dolo.
GRAY Dolo - chert Green Shale (TRACE COAL)
GRAY SHALE
Green - PURPLE SHALE
GRAY - Green pink SHALE
SOFT Dolo.



